

FIG. 1

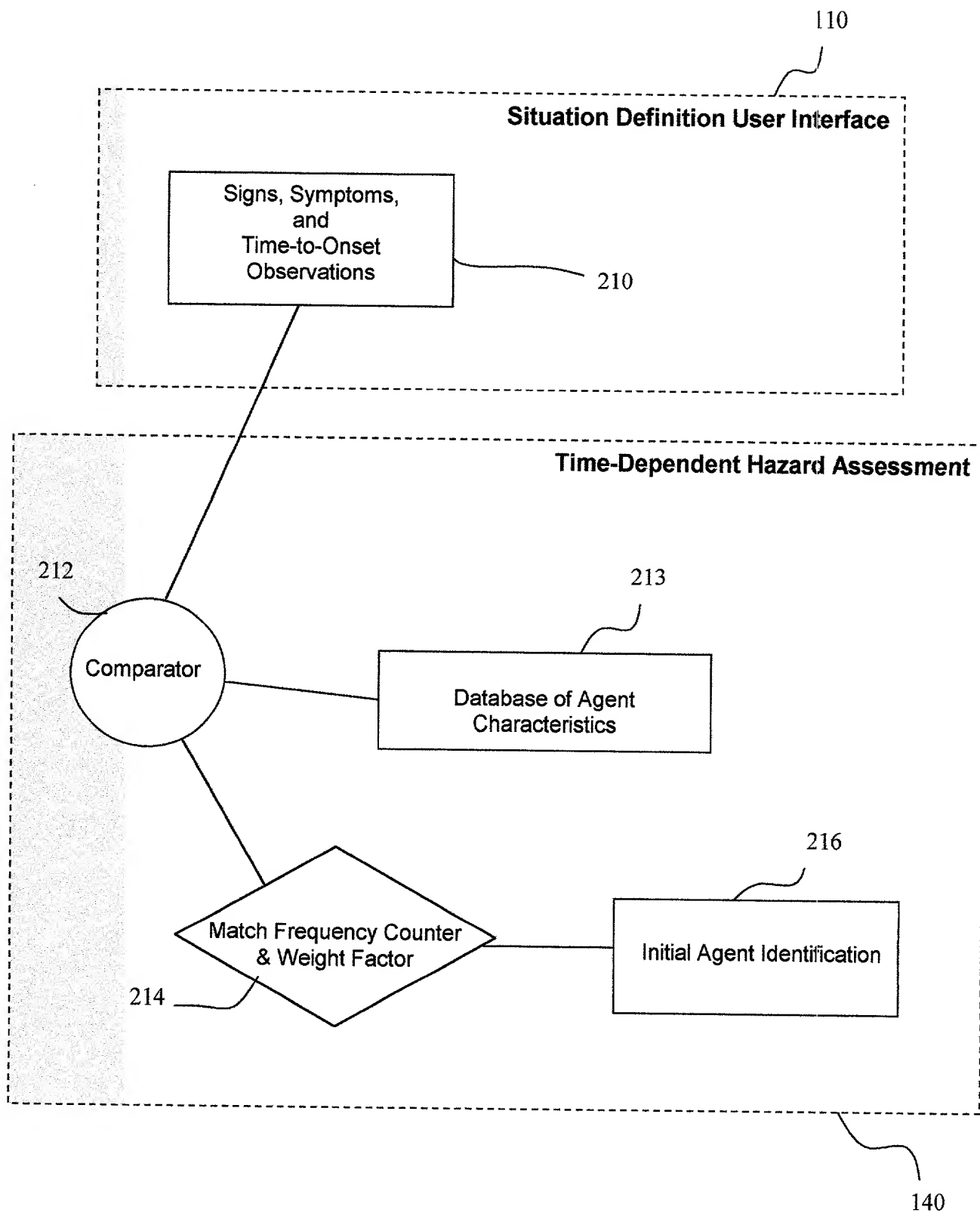


FIG. 2

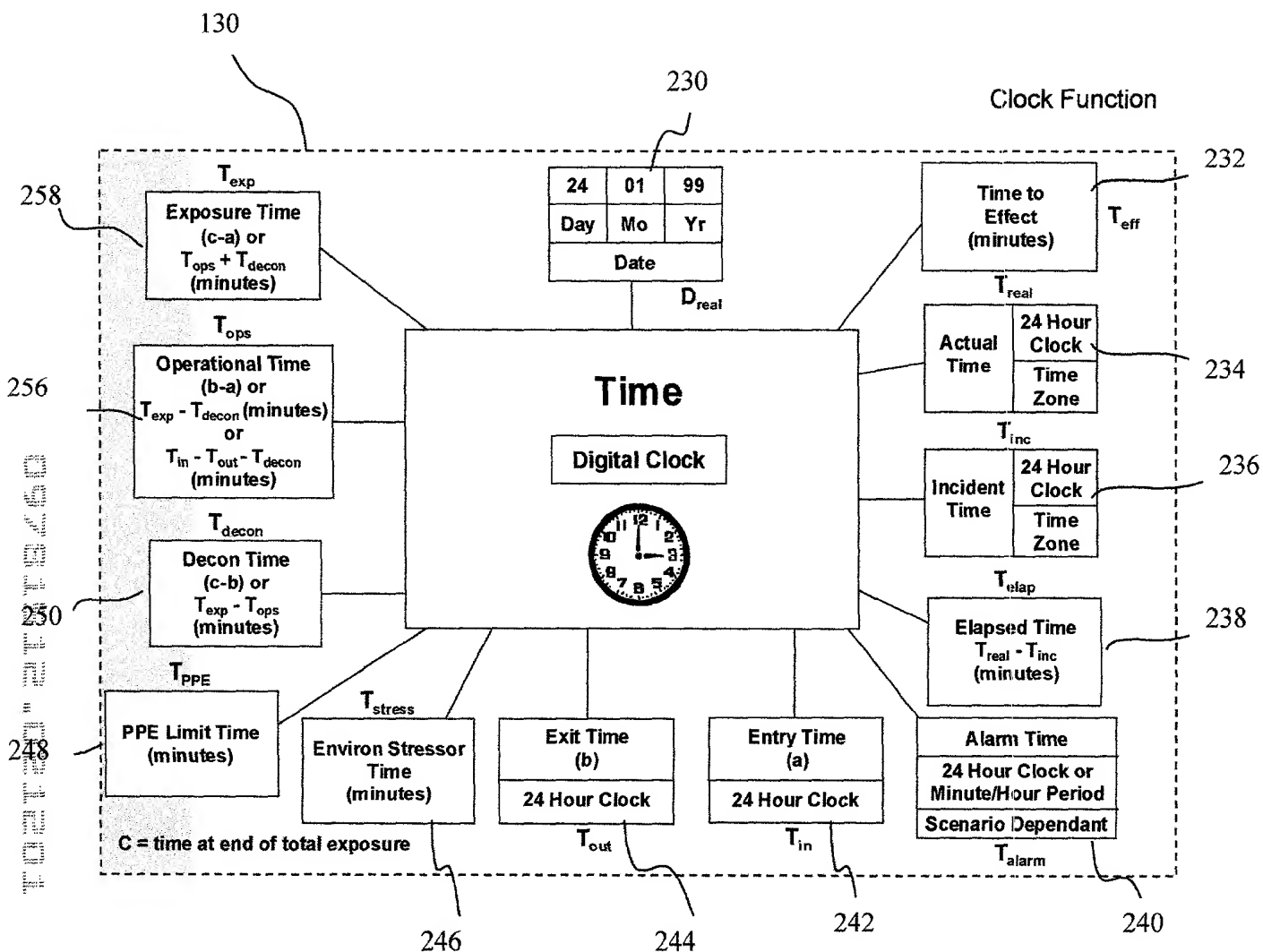


FIG. 3

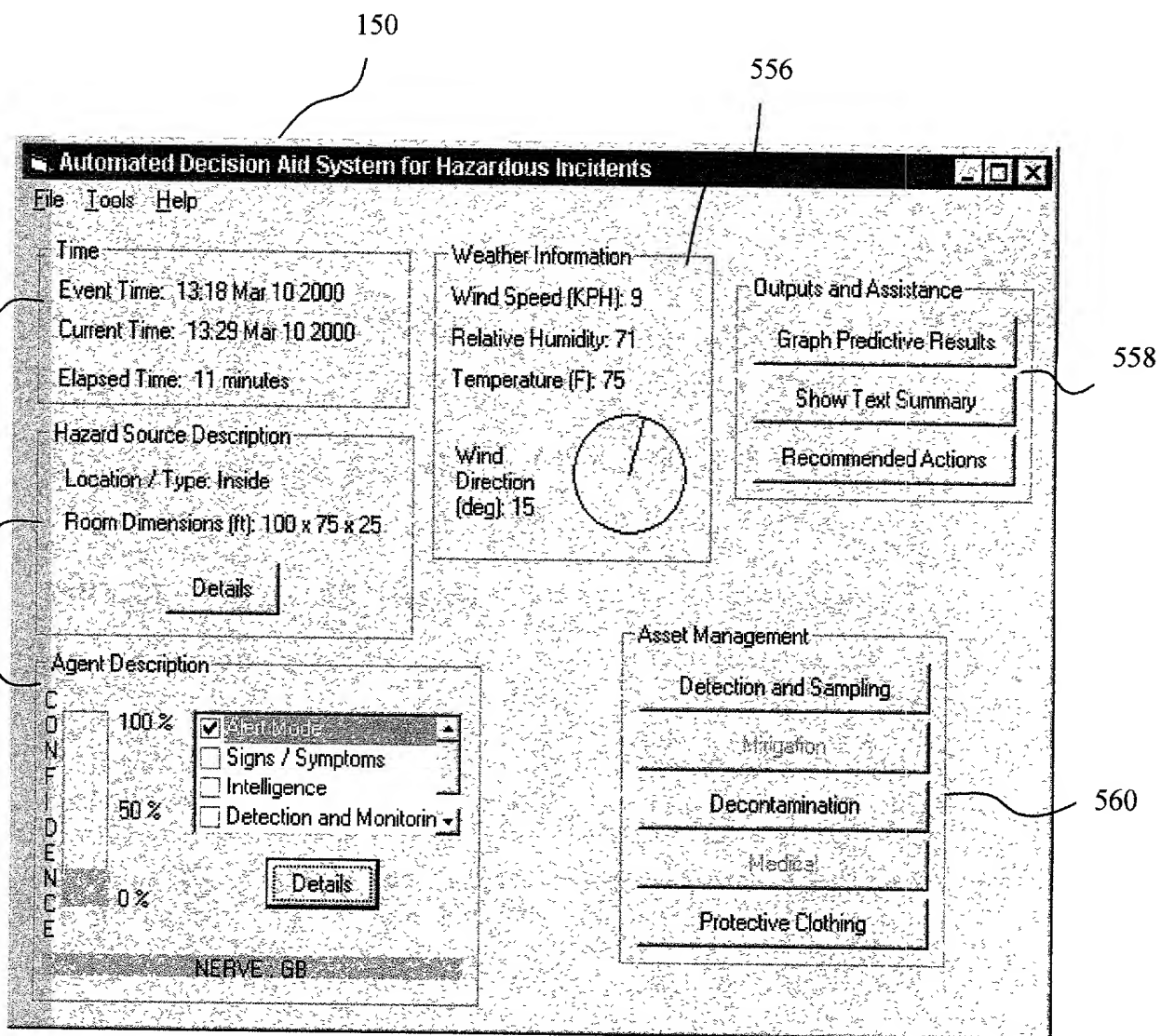


FIG. 4

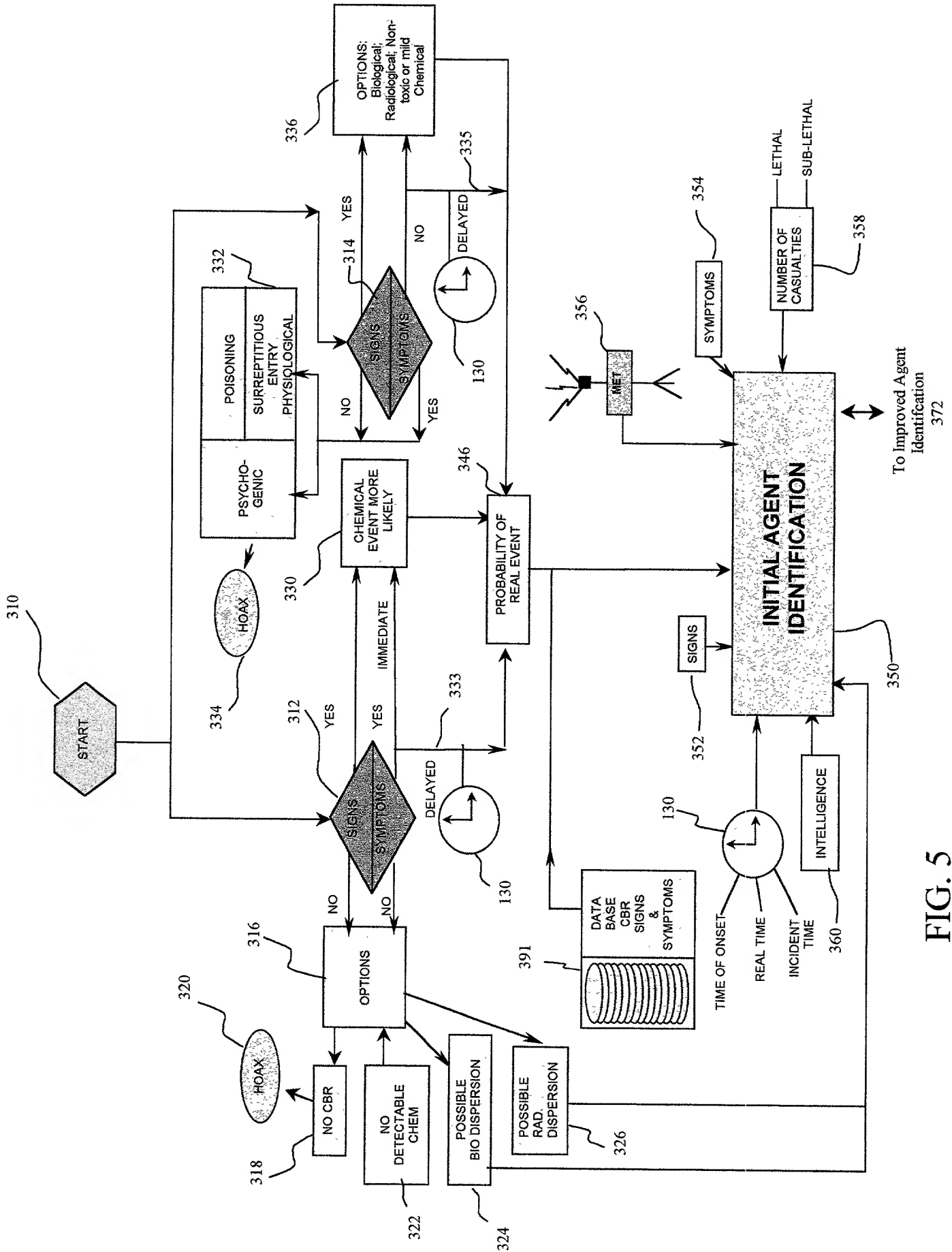


FIG. 5

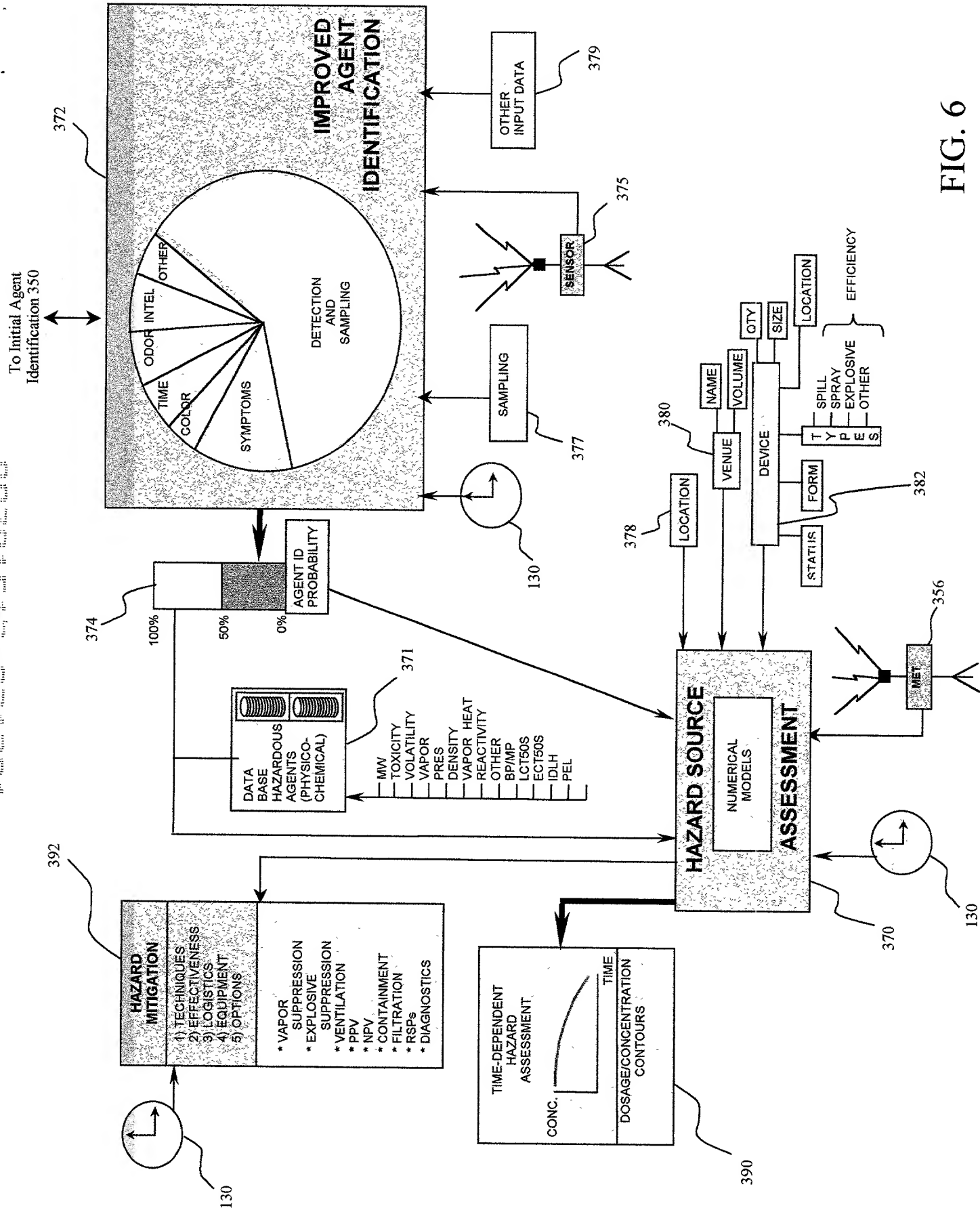


FIG. 6

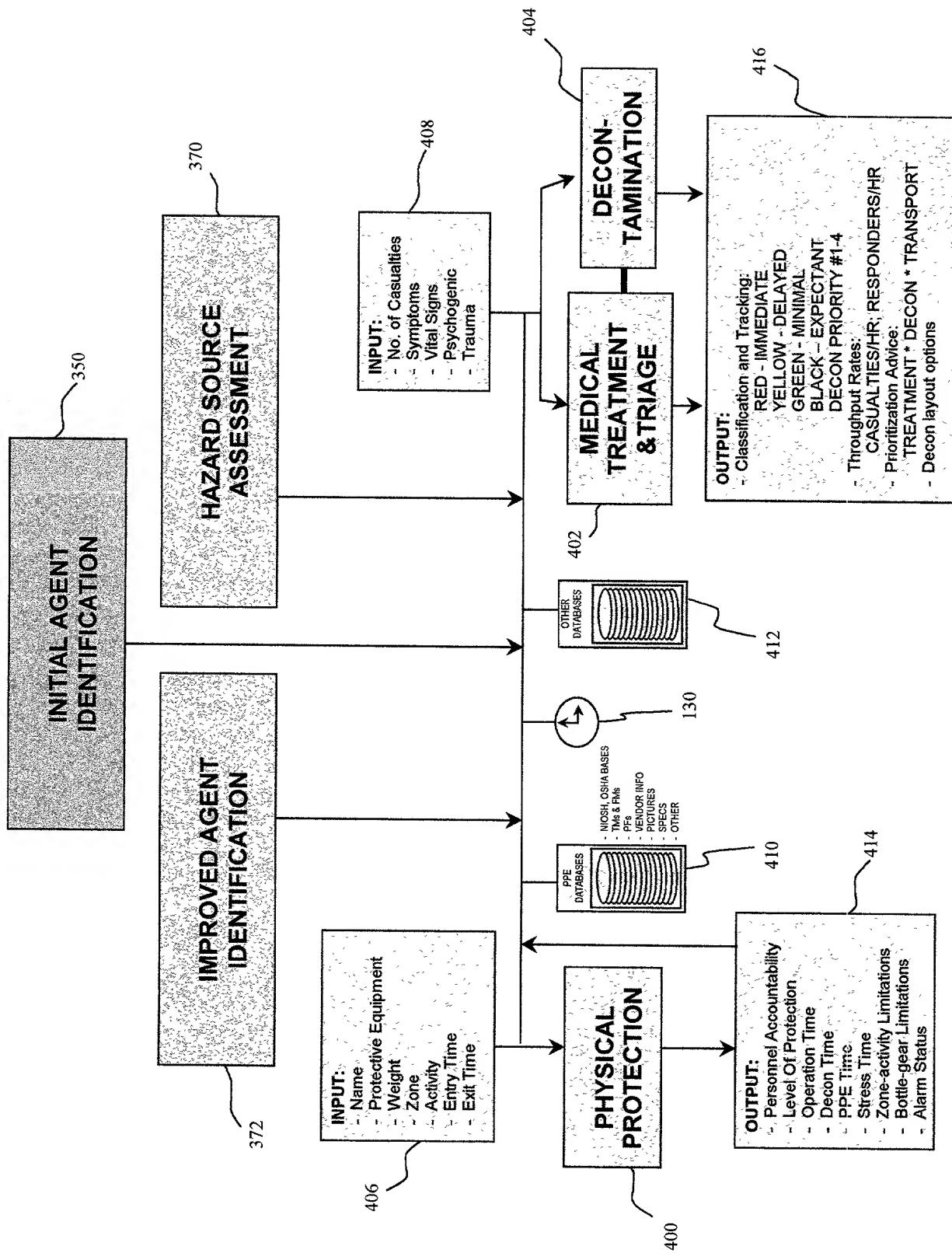


FIG. 7

FIG. 8 is a screenshot of a software interface for calculating casualty throughput and processing times. The interface includes input fields for potential casualties, distribution type, casualty status, and anticipated pharmaceutical needs. It also features a detailed breakdown of emergency decontamination rates for incident sites and health care facilities, including non-ambulatory and ambulatory casualty processing times.

500

502

Potential Number of Casualties

☒ ADASHI Scenario Distribution ☐ User Defined

Number of Casualties

| Delayed                         | Immediate                       | Expectant                       | Minimal                          | Anticipated Pharmaceutical Needs |
|---------------------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| <input type="text" value="42"/> | <input type="text" value="42"/> | <input type="text" value="36"/> | <input type="text" value="280"/> | <input type="text" value="168"/> |

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Emergency Decontamination Rate (casualty throughput)

| Incident Site                  |                                   | Health Care Facility          |                                  |
|--------------------------------|-----------------------------------|-------------------------------|----------------------------------|
| Non-Ambulatory Emergency Decon |                                   | Ambulatory Emergency Decon    |                                  |
| Number of Casualties Per Hour  | <input type="text" value="24"/>   | Number of Casualties Per Hour | <input type="text" value="234"/> |
| Number of Stations             | <input type="text" value="1"/>    | Number of Stations            | <input type="text" value="1"/>   |
| Total                          |                                   | Total                         |                                  |
| Non-Ambulatory Casualties      | <input type="text" value="76"/>   | Ambulatory Casualties         | <input type="text" value="94"/>  |
| Total                          |                                   | Total                         |                                  |
| Time for Processing (Hours)    | <input type="text" value="3.17"/> | Time for Processing (Hours)   | <input type="text" value="0.4"/> |

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FIG. 8



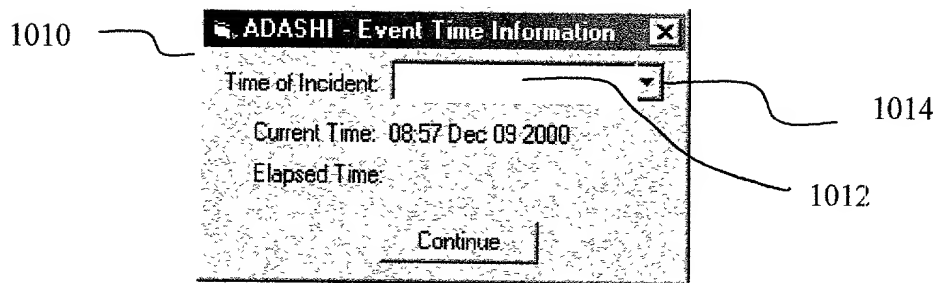


FIG. 9

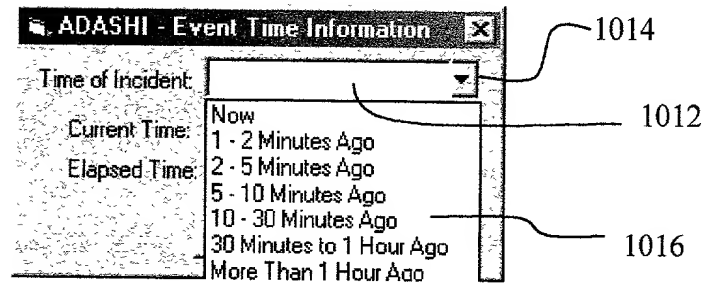


FIG. 10

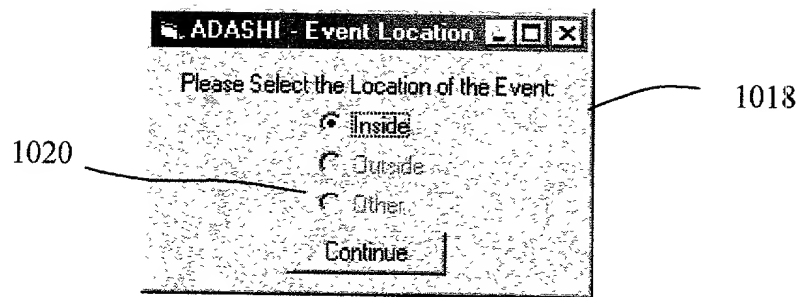


FIG. 11

ADASHI - Inside Hazard Source Description

Source Type: Spill

Amount of Release (ml): 1101

Room Conditions

Length (ft): 50

Width (ft): 30

Height (ft): 15

Temperature (C): 20

Air Conditioning

Air Conditioner On? ☒ (Yes)

CFM Value: 700

Natural Ventilation

Windows Closed

ACH value: 0.074

Positive Pressure

☒ Do you have a PP system?

Start at: 20 minutes

CFM value: 20000

Collective Protection

☒ Do you have a CP system?

Start at: 30 minutes

CFM value for Qr: 20000

Efficiency: 0.997

Clear Reset OK Cancel

FIG. 12

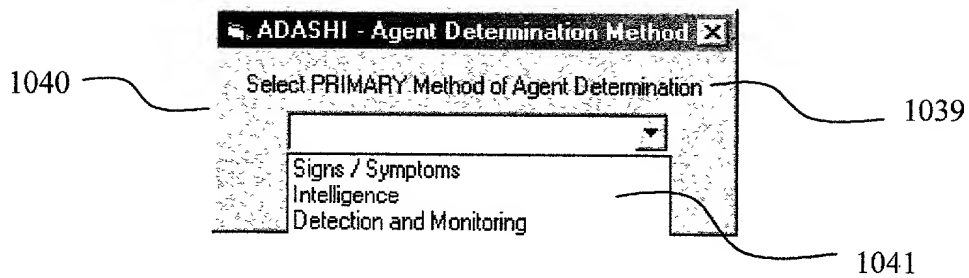


FIG. 13

FIG. 14

ADASHI - Agent Determination - Signs / Symptoms

Approximate Number of Casualties: 2

Majority Inage Level: Emergent (Green)

Symptomology / Effects (check all that apply)

- ☐ Runny Nose
- ☒ Swelling of Eyes
- ☐ Tightness in the Chest
- ☒ Twitching, Jerking, Staggering
- ☐ Vomiting
- ☐ Wheezing

Time to Observation of Initial Symptoms: 1 - 5 Minutes

Agent Characteristics

Odor: Garlic

Gas Cloud Color:

Residual

Liquid: ☐ Yes Solid: ☐ Yes

Time to Observation of Residual:

Residual Color:

Make Agent Determination

Probable Agent Class: NERVE Specific Agent: GB

Clear Reset OK Cancel

1060 1040 1062

FIG. 15

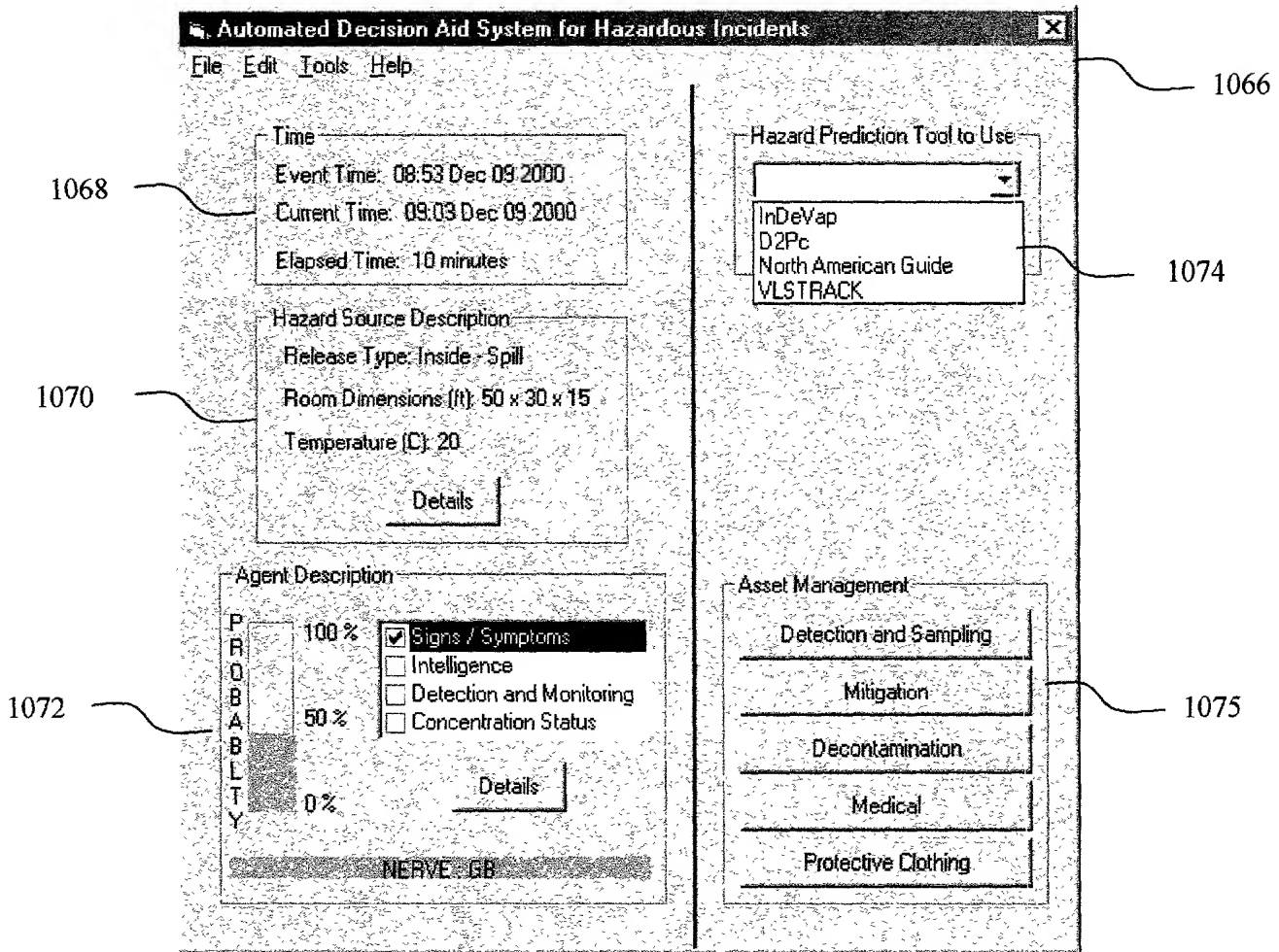


FIG. 16

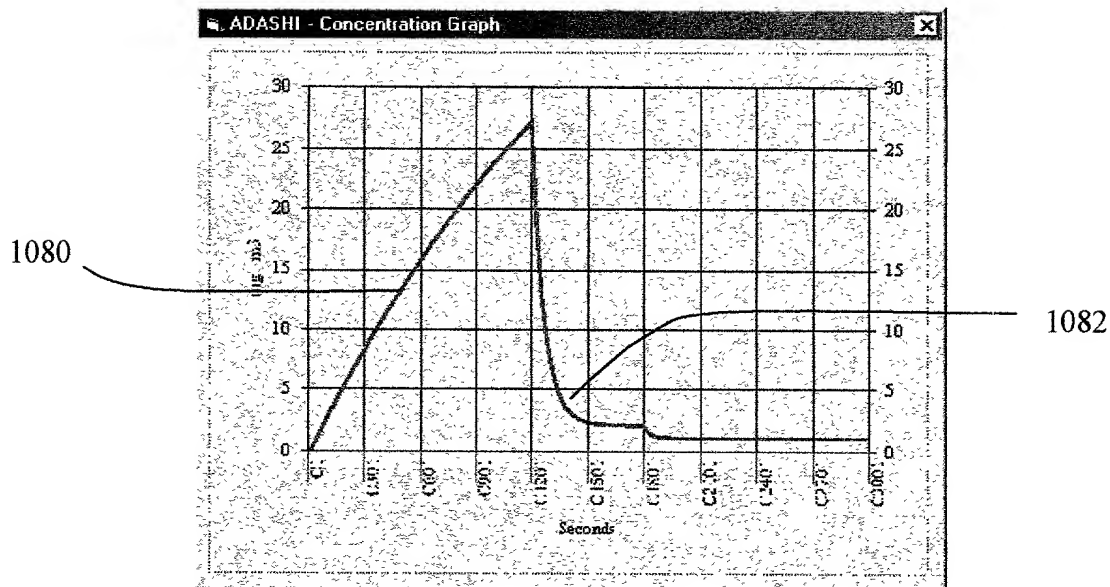


FIG. 17

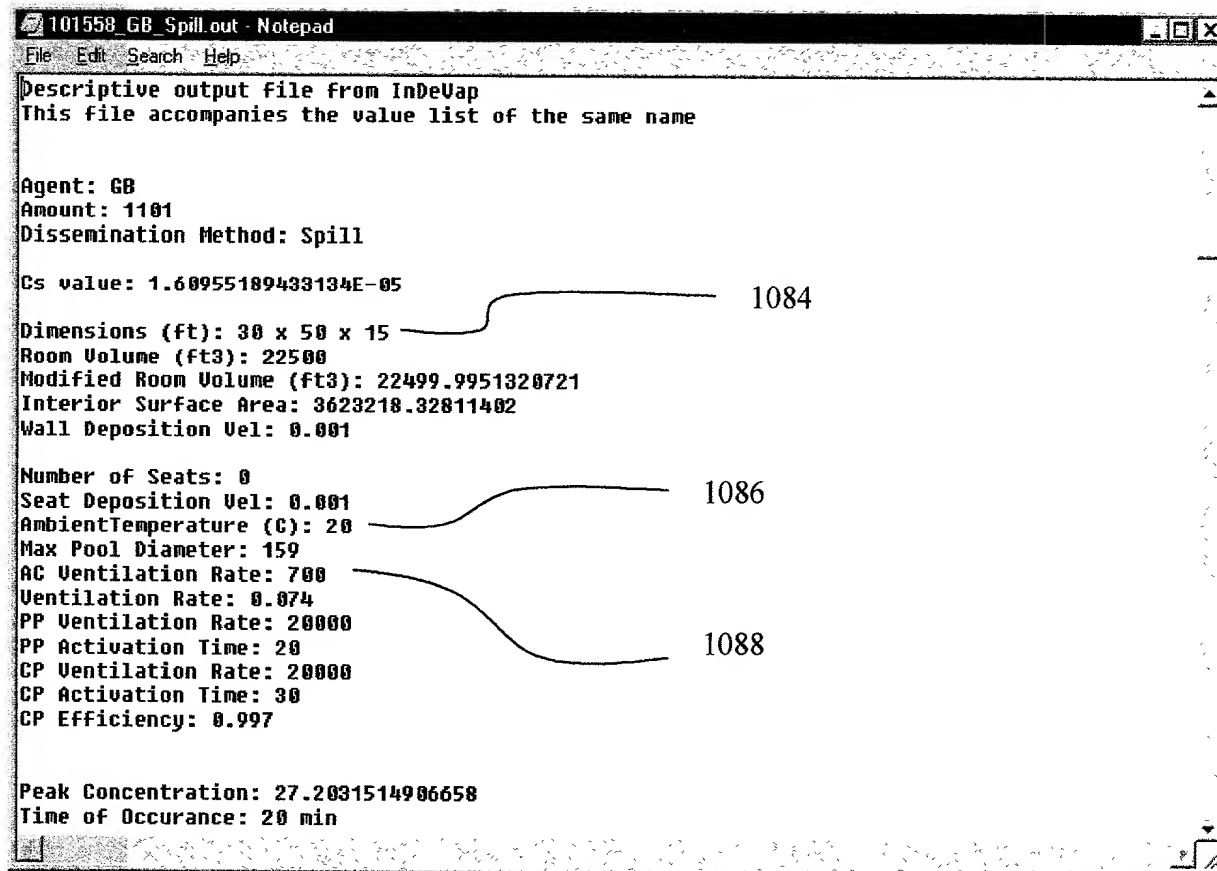


FIG. 18

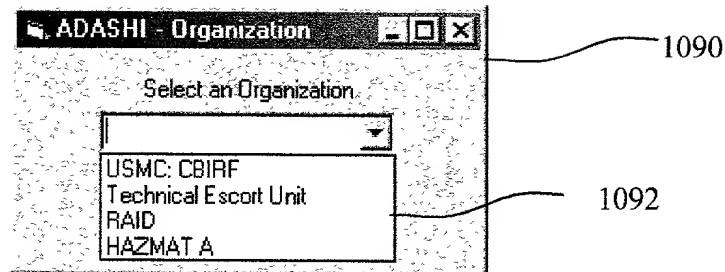


FIG. 19

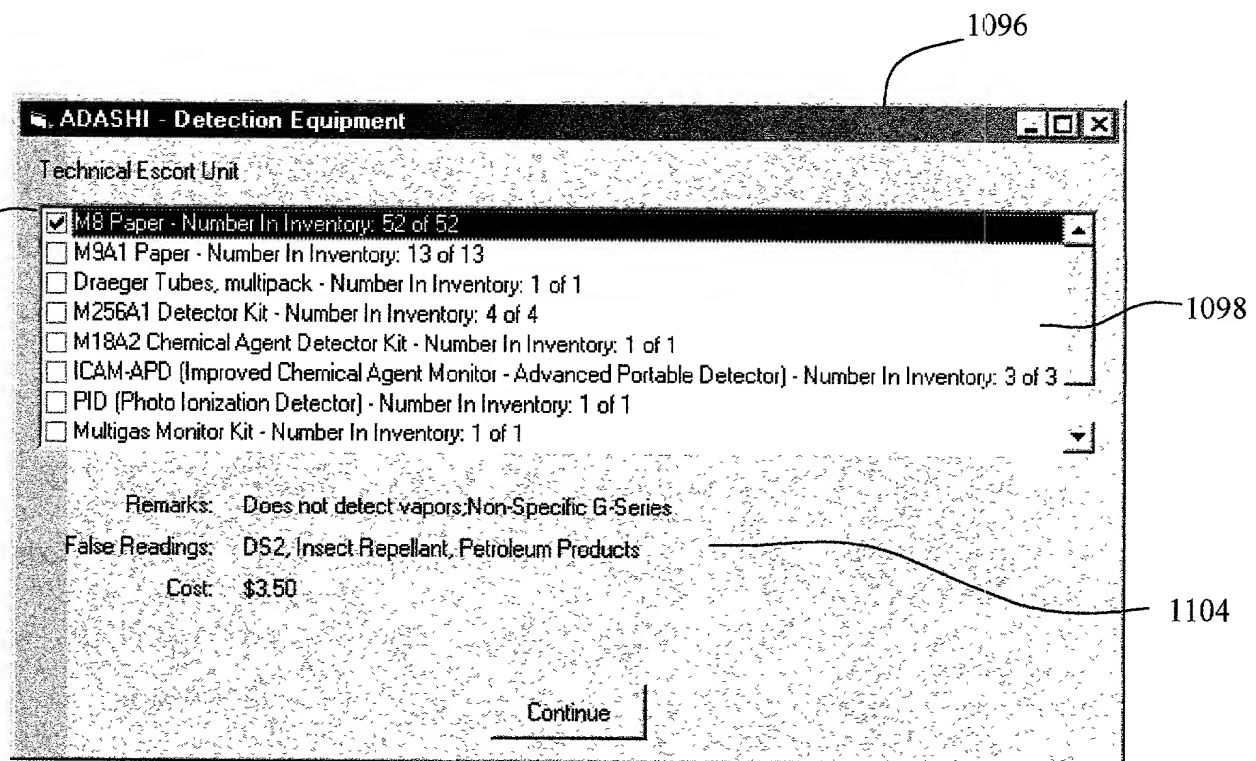


FIG. 20